



The

GARzette



The Official Newsletter of the Gwinnett Amateur Radio Society

July 2019

<http://www.gars.org/>

Volume 28, Issue 7

July GARS Meeting: Operating From "Last Man Standing"



by John, WB4QDX, Amy, KE4IKF and Ed, WA4IYH—July 9, 7:00 PM, at EAA 690

GARS July Meeting and Workshop

Operating From “Last Man Standing”

by John, WB4QDX,
Amy, KE4IKF and Ed, WA4IYH

Tuesday, July 9, 2019 7:00 pm

What is Club Log, and How Do I Get Started?

by Mike Weathers, ND4V

Tuesday, July 16, 2019 7:00 pm

Sports Aviation Complex—Hangar 1

690 Airport Road

Lawrenceville, GA 30045

NOTE: Location Entrance to the Hangar has changed! See below link for more details!

[Updated entrance Directions to EAA Hangar](#)

INSIDE

GARS Happenings.....	Pg 3
A Letter to All Hams.....	Pg 6
Beginner's Corner.....	Pg 7
Gwinnett ARES Highlights ...	Pg 8
Net Manager's Corner	Pg 9
GARS Membership Page.....	Pg 10
Mtg / Workshop Minutes.....	Pg 11
Contests and Hamfests	Pg 12
GARS Event Schedule	Pg 13
VE Testing / Schedules	Pg 14

GARS Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance)
<u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset	Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR
<u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>D-STAR</u> WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

Snail Mail Address:
GARS
P.O. Box 492531
Lawrenceville, GA 30049

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



GARS Happenings

20 Years ago in the July 1999 GARzette:

- Gwinnett ARES was honored with the “Good Neighbor Award” for their support of Red Cross operations following a April 9, 1998 tornado that struck DeKalb and Gwinnett counties
- GARS announced a new email server and online calendar for its members;
- The “Shack of the Month” features Bob Varone, W4ETN;
- This month’s “On The Air” by Karl Phillips, K4GZZ, features Ade Wirth, W4ADE;
- The Examinations question pools remain unchanged until the FCC acts upon Amateur Radio restructuring;
- The FCC increases the license Vanity fee from \$13 to \$14;
- The Amateur Radio Spectrum Protection Act, HR 783, now has 76 cosponsors;
- The FCC Universal Licensing System (ULS) is scheduled to be deployed for Amateur Radio use in August.



You can always browse the GARzette archive at <http://www.gars.org/newsletters>

73, *Bill*, WB2RIS, GARzette Editor

Ham Cram Technician License Class Saturday, July 20 and 27, 2019

This is the entry level study session. For more information on the test session [click here](#) to email the instructors.

STUDY GUIDE:

We will be using the hamradioschool.com material.

CLASS:

Time determined by the instructors; Thirty Minute Lunch Break with lunch brought in.

LOCATION:

Gwinnett County Emergency Operations Center (EOC)
800 Hi-Hope Road, Lawrenceville
[Click here for directions](#)

EXAM SESSION:

This exam session is a closed session only available to those students who sign up for the class.

REGISTRATION:

*** Pre-registration is Required ***

*** There is a no refund policy for no shows ***

First Saturday will be 08:00 to 16:00, the second Saturday will start at 08:00 till finished, followed by the test session. Lunch will be 30 minutes ordered in. The \$25.00 will cover lunches and testing.

GARS HELP WANTED

- Winter Field Day (WFD) Chairperson -- a volunteer is needed to organize and coordinate next year's Winter Field Day operating event in January, 2020 and beyond. The chairperson will schedule the facility, recruit station captains and volunteers to organize food and antennas. The outgoing Chairperson (Dave, W4DTR) will train you if needed.
- Elmer Chair—need someone to coordinate matching up Elmers (mentors) with new hams. (Perhaps you had one when you were a new ham?)
- GARzette Editor — Looking for someone to become the next GARzette Editor, starting off as a GARzette Committee member / Assistant Editor. Experience with Microsoft Publisher would be nice, but any experience with Microsoft Office products is helpful. Most of the content is supplied by others, but occasionally you may wish to write content, especially in your area of expertise. If you are interested, please contact Bill Eggers, WB2RIS at editor@gars.org.

Thanks to Glen Wendt, W3WWT, for taking over as TechFest Chairperson!

If you're interested in volunteering for one of these positions, please contact one of the GARS Officers. Supporting GARS activities is an important part of what we do and help from club members is needed.

[PS— Articles to publish in the GARzette, either written by GARS members or published elsewhere, are always welcome. —Ed.]

GARS Happenings (Cont'd)

GARS Field Day Photos



GARS Happenings (Cont'd)



June 15, 2019

Gwinnett Amateur Radio Society
Norman Schklar, WA4ZXV

Dear Friends,

On behalf of the ARRL Foundation Officers and Board, I am pleased to announce the 2019 recipient of The Gwinnett Amateur Radio Society Scholarship in the amount of \$1000.

Jackson Wiggs, KM4GBJ of Lawrenceville, GA has been selected for The Gwinnett Amateur Radio Society Scholarship from an outstanding group of applicants. Scholarship recipients were recently notified of their awards, and we have already had many replies conveying their excitement and appreciation.

Scholarships through the ARRL Foundation would not be available without the support of thoughtful and generous sponsors such as you. Thank you for making The Gwinnett Amateur Radio Society Scholarship possible, and for aiding a student Amateur Radio operator in his/her pursuit of their higher education. I am confident that these young people will be successful in their future careers, and in representing Amateur Radio as well.

Again, many thanks for your support of this award. If you have any questions, please contact ARRL Foundation Secretary Lauren Clarke, KB1YDD at ARRL (

or

Best 73,

Dr. David Woolweaver, K5RAV
President
ARRL Foundation

ARRL Foundation ■ 225 Main Street ■ Newington, CT 06111-1494 ■ 860-594-0200 ■ foundation@arrl.org ■ www.arrl.org/arrlf

The recipient of the \$3500 Ernest L. Baulch, W2TX, and Marcia E. Baulch, WA2AKJ, Scholarship is GARS member Ruth Willet, KM4LAO. Congratulations to all recipients!

[Note: Lauren Clarke recently stepped down as ARRL Development Department Manager. For any questions, please contact Development associates [Regina Galuppi, W3DGI](#) (860-594-0291) or [Maryann Macdonald, KB1ZTH](#). (860-594-0228).

Source: <http://www.arrl.org/news/arrl-development-department-manager-lauren-clarke-kb1ydd-departs-headquarters>—Ed.]

A Letter to all Amateur Radio Operators

In April 1917 a letter from the U.S. Navy District Communication Superintendent was mailed to every Amateur Radio operator in the country. We had entered World War I. Shortly after this letter was sent, a bill was introduced in the House of Representatives proposing that all radio communications, including Amateur Radio, should be handed over to the U.S. Navy. Percy Maxim, one of the American Radio Relay League founders, immediately went to Washington lobbying against the proposed legislation. Fortunately, the bill died in committee. The letter read as follows.



“To all Radio Experimenters,

“Sirs:

"By virtue of the authority given the President of the United States by an Act of Congress, approved August 13, 1912, entitled, 'An Act to Regulate Radio Communication,' I hereby direct the immediate closing of all stations for radio communications both transmitting and receiving, owned and operated by you. In order to fully carry this order into effect, I direct that all the antenna and all aerial wires be immediately lowered to the ground and that all radio apparatus both for transmitting and receiving any radio messages or signals, and that it so remain until this order is revoked. Immediate compliance with this order is insisted upon and will be strictly enforced. Please report on the enclosed blank your compliance with this order; a failure to return such blanks promptly will lead to rigid investigation."

With the "Great War" underway, the U.S. Military establishment found themselves with a complete shortage of radio operators and instructors. The military contacted Percy Maxim for help in meeting their immediate need for five hundred qualified radio operators. Before the end of World War I, four thousand radio operators had seen duty . . . but the Amateur Radio ban continued.

Another attempt was made in November 1918 to put the Secretary of the Navy in charge of all radio in the U.S. and again, Percy Maxim, at his own expense, went to Washington attending the hearing on the bill. It again died in committee. On April 12, 1919, the Navy Department announced that the ban on receiving was lifted but radio transmissions by amateurs were still banned until the President declared peace. Maxim urged that the ban be lifted and with the aid of the Assistant Secretary, Franklin Delano Roosevelt, the Navy lifted the ban on September 26, 1919.

GARS is a "Special Service Club" affiliated with the American Radio Relay League, the (our) national association for Amateur Radio. As an ARRL Affiliated Special Service Club we are required annually to file an application with the ARRL that, in addition to other information regarding our activities, indicates that at least 51% of our club members are members of the ARRL. If you aren't already an ARRL Member, I hope that the efforts of "The Old Man" over a century ago will encourage you to become a member to support our national association.



Source: Percy, Clarence, QST and The ARRL, Before, During and After the Birth of Amateur Radio, by Larry Telles, K6SPP

Submitted by Paul Kelley W4KLY

Beginner's Corner

YouTube Channels Revisited

It has been a while since we have covered all the amateur radio programs available on the internet, so I thought I might make a thorough review and update everyone on some new programs out there.

Tuesdays at 8 pm means that it is time for the W5KUB "Amateur Radio Roundtable". You can go to <http://tmedlin.com/> for this one. There is a chat room, as well. Tom, W5KUB, and co-host Katie Allen have numerous guests on the program. Past shows are on YouTube at https://www.youtube.com/results?search_query=w5kub+roundtable. Often, if time permits, Tom takes viewer calls.



"Ham Nation" comes on Wednesday nights at 9 pm ET or thereabouts. This is the live feed: <https://twit.tv/live>. You can also find them on YouTube at https://www.youtube.com/results?search_query=ham+nation. All the over 400 episodes are archived there. Ham Nation is segmented into different sections, much as a magazine is. Gordon West, WB6NOA, has his "Sure Shots" where he covers a topic on amateur radio. Don Wilbanks, AE5DW, has amateur radio news, and there is an excellent solar propagation segment by Dr. Tamatha Skov, who recently procured her amateur radio license. This is a fast-paced and entertaining program.

There is a new program on Friday nights. "Ham Radio Crash Course" is on at 10 pm ET, at https://www.youtube.com/results?search_query=ham+radio+crash+course. Josh, nicknamed "Hoshnasni," covers a new topic each week. He caters to newer hams. Josh also has a phone-in segment on his program.

On a monthly basis, there is "Amateur Logic", which if memory serves me right, is done live on a Friday night in the middle of each month. Their URL is <https://www.amateurlogic.tv/blog/>. George and Tommy make a good pair, and make their programs interesting and entertaining. They also do a monthly program for those who wish to get their amateur radio license, or to upgrade their license. It is called "Ham College". They are up to episode Number 53. Past episodes can be seen at the above address. You can also find past episodes at https://www.youtube.com/results?search_query=amateur+logic.

A program that covers listening to everything radio is the "Official Shortwave Channel". This is done from Montreal by Gilles (pronounces Zhill). I would try to pronounce his last name, but I wouldn't get it right. He is on Friday afternoons at 20:00 UTC (GMT or whatever) which means 4:00 pm in the summer. Gilles sits in front of the camera and talks to his audience and answers questions from the chat room. Some of these shows run over three hours. You would think this sounds boring, but I would have to disagree. Take time to check him out this Friday. His address is https://www.youtube.com/results?search_query=official+shortwave+channel.

North America is not the only source for high quality amateur radio programs, The "TX Factor" is a UK based program that does not broadcast live, but is highly recommended as a good source for informational programs. Their address is <http://www.txfilms.co.uk/txfactor/>. There is a British slant to the program, obviously, but there are some very interesting topics copied. As a former UK resident, I highly recommend looking into their archives.

There are a number of YouTubers who contribute much in the way of information and entertainment to the amateur radio community, and we may discuss them at a future date.

73 de *David Harden*, KJ4CMY

Gwinnett ARES Highlights

By Karen Whited, AB4NW

Meetings are held the 4th Tuesday at 7:30 pm at the EOC on Hi Hope Road. If you are interested in emergency communications, contact Hall Collier W4IGE at w4ige@arrl.net.

JAIL BREAK CHALLENGE

June 8

Gwinnett ARES provided communications support for the Gwinnett Sheriff's Dept. Jail Break Challenge Obstacle Run, where teams and individuals competed around a 5K obstacle course at the County Jail. We have helped with this event for the last six years, and it has proved to be a great way to assist one of our served agencies. Using HT's, our volunteers shadowed EMS and Sheriff's Department personnel, staff positions at the start, posts along the course, and the command post where we set up Net Control. We reported when the lead runners passed each station, and we were also alert for runners needing medical assistance and communicated that to EMS. Conditions were particularly challenging due to the heavy rain that persisted throughout the event. ARES members who participated were: Earl Whatley AF4FG, Ryan Haney KJ4DRN, Jamie Burns KX4HA, Doug Kregel KB6RRX, David Adcock KA4KKF, Dave Bruse W4DTR, Mark Bell N7GRB, Charlie Allport WS4TOT, Larry Whited AB4NX, Karen Whited AB4NW, Hal Collier W4IGE, Ralph Pickwick KJ4CNC, Russell Prevost AB4QQ, John Davis WB4QDX, Bill Cherepy WB4WTN, David Harden KJ4CMY, and Mike Parrott N4MEP.



PROCLAMATION: Amateur Radio Week June 16-22

Issued by the Gwinnett Board of Commissioners, the ceremony was held on June 5 with several of our members in attendance. The Board recognizes the contributions of Amateur to the county and our support of the Gwinnett EOC. It

also acknowledges *Field Day* on June 22-24. Pictured below are: Dave Slotter W3DJS; John Davis WB4QDX; Ralph Pickwick KJ4CNC; Sid Weaver N4NQ; Glen Wendt W3WWT; David Adcock KA4KKF; Nancy Coltrin KK4HUB, Emergency Management Specialist with the EOC; and Ben Ku District 2 Commissioner.



JUNE MEETING – June 25

Our June meeting featured Kyle Albritton W4KDA teaching us more about Skywarn and net operations. Hal Collier W4IGE and John Davis WB4QDX discussed the new AuxComm class offered by GEMA.

MEMBER PROFILE: Dave Adanich K8WDJ

Dave lives in Lilburn and is originally from Cleveland, Ohio. He is married to Judy. Dave attended the University of Akron where he studied telecommunications. He worked for AT&T for 38 years and is currently retired. Dave was first licensed on September 18, 1960 in Parma, Ohio. He has been a GARS member for 15 years and ARES for 14 years. His radio and antenna equipment include a Yaesu 920, vintage Heathkits, 10-80 dipoles, VHF/UHF beams, and a 10-80 vertical. Dave enjoys RTTY, SSB, CW, PSK-31, and AM modes. He is also an alumnus of the Gwinnett Citizen's Fire Academy and is a loyal volunteer for Gwinnett Fire.



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only SEVEN primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Don - KW4AL	Ray - N4GYN	Bill - KK4AUA
David - KA4KKF	Kevin - KK4WOG	Chuck - KK4TKJ
Russell - AB4QQ		

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager

GARS Membership Page

New GARS Members in June

**Anthony De Lucia (W4OG)
Joseph Marlowe (KN4VCQ)
Charles Miller (KX4SB)
Jeffrey Samples (KN4VCR)**

New Members: 4

**Total Members as of June 30, 2019
328**

**Join GARS members for our
weekly breakfast gathering at
7:30 AM most Saturdays

at**

**Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043**

([Directions](#))

**The following members are
celebrating birthdays
in July:**

**HAPPY BIRTHDAY!!
From All of Us at GARS**

**Charles Bailey (KE4TPH)
Richard Barnes (W4IXN)
Kevin Biddle
James Boyd (KB9VTM)
Charlie Broome (WD4CCZ)
Bill Cherepy (WB4WTN)
William Cohl (WB2PIH)
Juan Dominguez
Kevin Grado (KN4ODT)
Richard Grimes (KN4OAJ)
Jonathan Guidry (K5JDG)
Robert Herlugson (KN4TEG)
Robert Hoffmann (K4CQO)
Terry Jones (W4TL)
Brian Jones (KD4UYP)
Paul Kelley (W4KLY)
Gerald Lamb (WA3HCR)
Sherwin Levinson (K4SML)
Jessica Marotto (KN4QDP)
Audrey Mc Elroy (KM4BUN)
Rob Osattin (KI4UTY)
William (Bill) Pierce (K1LP)
Lowry Rouse Jr (KM4Z)
Stephen Schreiman (KJ4MWF)
Sid Weaver (N4NQ)
Randy Woolery (KK4CRL)**

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

EXTRA! EXTRA!

Repeater Status

6M	currently down
147.075	Operational in Snellville
147.255	Operational in Snellville
224.580	Operational in Grayson
442.100	Operational at Goshen Springs
442.325	Operational in Buford
444.525	Operational in Snellville

Link remote receivers being added



L&M Mobility

Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com

SERVICE & REPAIR
Power Chairs • Lift Chairs • Scooters

GARS on Social Media

GARS has moved to Groups.io!



Join GARS on Groups.io:
<http://gars.org/groups.io>



Visit GARS on Facebook:
<http://gars.org/facebook>








Follow GARS on Twitter:
<http://gars.org/twitter>















Join GARS on YouTube:
<http://gars.org/youtube>

G A R S Volunteers





OFFICERS

John Davis, President	WB4QDX	
Sandy Jackson, Vice President	KJ4DRO	
Joe Biddle, Secretary	AD4PZ	
Pam Meridy, Treasurer	WB1AKQ	
Randy Collins, Program Manager	N4COR	

COMMITTEE CHAIRS

Karen Albritton, Membership Chair and Public Information Officer	KI4HPP	
Dave Bruse, VE Team & Workshop Leader and Winter Field Day Chair	W4DTR	
David Adcock, Webmaster and Field Day Chair	KA4KKF	
Ralph Pickwick, Apparel Manager and Education Chair	KJ4CNC	
Glen Wendt, TechFest Chair	W3WWT	
Bill Eggers, GARzette Editor	WB2RIS	
Eddie Foust, Repeater Chair	WD4JEM	
Mike Weathers, WAS-Checker and Historian	ND4V	
Chuck McCord, Net Manager	KK4TKJ	
Mike Swiderski, Technical / RFI Advisor	K4HBI	
Mark Kozma, GA QSO Party Chair	KD3GC	
Kyle Albritton, Multimedia Chair	W4KDA	

DIRECTORS AND TRUSTEES

Kyle Albritton	W4KDA	
Mike Weathers	ND4V	
Rick Cobb	N4XYY	
Bill Cherepy, W4GR Trustee	WB4WTN	

GARS MEETING AND WORKSHOP MINUTES

Gwinnett Amateur Radio Society – GENERAL Meeting Minutes 6/11/2019

**President John Davis (WB4QDX) Opened
the meeting at 7:00pm
and Closed the meeting at 8:00pm
2019 Field Day Location – Harbins Park
Gwinnett County**

Introductions and Visitors: Visitors were recognized and full Introductions of the [65] attendees followed.

Treasurer: Pam Meridy (WB1AKQ) gave the Club financial report.

Membership Report: Karen Albritton (KI4HPP) reported that Membership is at [324].

Program Chair: Randy Collins (N4COR)
Upcoming Programs:

- **July** – Last Man Standing TV Show Operating by WB4QDX. KE4IKF and WA4YIH
- **August** – Drone Antenna Launching (Tentative)
- **September** – Morse Code by W4QO
- **October** - Show and Tell
- **November** - Tower Repair and Remote Ham System use.
- **December** – Holiday Party
- **January 2020** - Power Supplies

GARS Education – Ralph (KJ4CNC)
Ham Cram Technician class is scheduled for **July 20th & 27th.**

GARS Workshop Program: David (W4DTR)
outlined the next few workshop sessions coming up:

- **June – Demonstration of N3FJP** logging software for Field Day. There will also be some demonstrations with live Single Side Band for tips and tricks.

Recognition

- Acknowledgement of GARS Member – Silent Key **Nick Doemland (AB4CQ)**
- **Announcement** – The current ‘**Education Fund**’ will be renamed from to the ‘**SK Memorial Fund for Education**’ and a newly created ‘**Scholarship Fund**’. Each fund will commence with a balance of \$1,400.
- An anonymous donor will match (up to \$500), any contributions made to the Education fund. See GARS.org to donate.

Break:

Submitted by: **Joe Biddle AD4PZ,**
GARS Secretary

Workshop Meeting Minutes 6/18/2019

Number in Attendance: 30

Workshop Topics:

- **Field Day Logging Software**, Presented by Dave Adcock, KA4KKF
- **HF Radio Controls**, Presented by Ed Woodrick, WA4YIH
- **HF Radio Demo (FM vs SSB)**, Presented by Dave Adcock, KA4KKF and Russell Prevost, AB4QQ

Submitted by **Russell Prevost AB4QQ,**
**GARS Workshop Committee Member
(Workshop Secretary)**

ARRL CONTESTING INFO

From ARRL Contest Calendar
> For more information click the links <

July 2019

13-14 [IARU HF World Championship](#)

August 2019

3-4 [222 MHz and Up Distance Contest](#)

17-18 [10 GHz & Up – Round 1](#)

18 [Rookie Roundup – RTTY](#)

September 2019

14-16 [September VHF](#)

21-22 [10 GHz & Up - Round 2](#)

21-22 [EME - 2.3 GHz & Up](#)

October 2019

19-20 [EME - 50 to 1296 MHz](#)

21-25 [School Club Roundup](#)

November 2019

2-4 [Nov. Sweepstakes - CW](#)

16-17 [EME - 50 to 1296 MHz](#)

16-18 [Nov. Sweepstakes - Phone](#)

December 2019

6-8 [160 Meter](#)

14-15 [10 Meter](#)

15 [Rookie Roundup–CW](#)

January 2020

1 [Straight Key Night](#)

4 [Kid's Day](#)

4-5 [RTTY Roundup](#)

18-20 [January VHF Sweepstakes](#)

February 2020

10-14 [School Club Roundup](#)

15-16 [International DX – CW](#)

March 2020

7-8 [International DX– Phone](#)

April 2020

19 [Rookie Roundup – Phone](#)

(no ARRL contests in May)

June 2020

13-15 [June VHF](#)

20 [Kid's Day](#)

27-28 [Field Day](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

07/27/2019 | [WCARS Hamfest 2019](#)

Location: Waynesville, NC

Type: ARRL Hamfest

Sponsor: Western Carolina Amateur Radio Society

Website: <http://www.wcars.org/wcarshamfest.htm>

08/17/2019 | [Alabama State Convention, Huntsville Hamfest](#)

Location: Huntsville, AL

Type: ARRL Convention

Sponsor: Huntsville Hamfest

Website: <http://hamfest.org>

08/30/2019 | [Shelby Hamfest](#)

Location: Shelby, NC

Type: ARRL Hamfest

Sponsor: Shelby Amateur Radio Club

Website: <http://shelbyhamfest.org>

10/11/2019 | [ARRL Florida State Convention, 54th Annual Melbourne Hamfest](#)

Location: Melbourne, FL

Type: ARRL Convention

Sponsor: Platinum Coast Amateur Radio Society

Website: <http://pcars.org>

10/18/2019 | [Delta Division Convention \(Hamfest Chattanooga 2019\)](#)

Location: East Ridge, TN

Type: ARRL Convention

Sponsor: Chattanooga Amateur Radio Club

Website: <http://w4am.net/hamfest-chattanooga-2018/>

10/26/2019 | [South Carolina Section Convention "Beachfest" 2019](#)

Location: Conway, SC

Type: ARRL Convention

Sponsor: Grand Strand Amateur Radio Club

Website: <http://www.w4gs.org>

For more information: <http://www.arrl.org/hamfests-and-conventions-calendar>
When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC

GARS Events Calendar for 2019	GARS Recurring Calendar
<div>TechFest (www.techfest.info) January 26</div> <div>Winter Field Day (same day as TechFest, not scheduled for 2019)</div> <div>General HamCram March 16 & 23</div> <div>Dog Show Fundraiser March 28 - 31</div> <div>Georgia QSO Party April 13 & 14</div> <div>North metro area Fox Hunt April</div> <div>May Madness May</div> <div>Memorial Day Parade May 27</div> <div>ARC/KARC Hamfest CANCELED for 2019</div> <div>Field Day June 22 & 23</div> <div>Tech HamCram July</div> <div>JOTA October</div> <div>Maker Faire October</div> <div>Stone Mt. Hamfest November 2 & 3</div> <div>Holiday Party December</div>	<ul style="list-style-type: none">♦ 2nd Tuesday of the month at 7 pm (except December): Monthly Club Meeting♦ 3rd Tuesday of the month at 7 pm (except December): Monthly Workshop♦ 2nd Sunday of the Month at 2 pm: GARS Ham Exam Session Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519♦ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater♦ Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater♦ Most Saturdays at 7:30 am: GARS Weekly Breakfast Golden Corral Restaurant 2155 Riverside Parkway, Lawrenceville, GA 30043
<div>August GARS Meeting:</div> <div>Drone Antenna Launching (Tentative)</div>	

GARS CALENDAR OF EVENTS FOR JULY 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jun 30	1 7:30 - 8:00 pm GARS 2m Net	2	3	4 Happy Independence Day!	5	6 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
7	8 7:30 - 8:00 pm GARS 2m Net	9 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	10	11	12	13 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
14 GARS VE Team Testing Session Starts at 2:00 pm	15 7:30 - 8:00 pm GARS 2m Net	16 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Workshop	17	18	19	20 7:30 - 9:30 am Breakfast Tech Ham Cram Day 1 of 2 @ Gwinnett EOC
21	22 7:30 - 8:00 pm GARS 2m Net	23	24	25	26	27 7:30 - 9:30 am Breakfast Tech Ham Cram Day 2 of 2 @ Gwinnett EOC
28	29 7:30 - 8:00 pm GARS 2m Net	30	31	Aug 1	Aug 2	Aug 3 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</i></p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) VEC: WCARS Braselton Public Utility Building 4986 Highway 53, Braselton, GA Contact: Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) VEC: WCARS Hall County EOC 470 Crescent Dr. Gainesville, Ga. Contact: Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday 10:00 AM Alpharetta North Park, Adult Activities Center 13450 Cogburn Rd, Alpharetta, GA 30004 Contact: Ian Kahn, KM4IK E-mail: km4ik.ian@gmail.com</p> <p>Third Saturday, ODD Months VEC: ARRL 9:30 am (Appointments required, no walk-ins) Stone Mountain Masonic Lodge 840 VFW Drive Stone Mountain, GA 30083 Contact: Frank Haynes, KV4SP Email: fhaynes@vatmom.net (678) 467-3712</p> <p>Second Sunday VEC: W5YI 2 pm Fire Station #24 Mall of Georgia Boulevard Buford, GA 30519 Contact: Dave Bruse, W4DTR E-mail: exams@gars.org</p> <p>First Sunday, EVEN Months VEC: WCARS and W5YI 2 pm @ Barrow Co. Emerg. Serv. Bldg 66 McElroy Street Winder, GA 30680 Contact: Mike Wolcott, W4WYI (404) 281-6581 E-mail: W4WYI@ARRL.net</p> <p><i>(cont. next column)</i></p>	<p>June Results</p> <p>We had a good exam session on Sunday, June 9. We had eleven applicants with the following results:</p> <ul style="list-style-type: none"> • 3 new Technician class; • 2 new General class (passed Technician and General exams); • 1 upgrade to General class; • 1 upgrade to Amateur Extra class. <p>Many thanks to the following VE's who made this session possible:</p> <ul style="list-style-type: none"> • Bob, K4CQO • Russell, AB4QQ • Bill, WR1TR • Richard, KM4SWL • Allison, AB4YL • Dale, AE8DL • Frank, KV4SP • Greg, W1ROO • Pam, WB1AKQ • Sid, N4NQ (Co-CVE) • Bill, WB4WTN • Dave, W4DTR (CVE) <p>73, <i>Don</i>, KK4NJM (Co-CVE)</p> <p>GARS VE Team Leaders E-mail: exams@gars.org</p> <p>GARS VE Website: http://gars.org/exams</p> <p>Fourth Tuesday ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Contact: Jessie Clower, KB4WFK (770) 942-6466</p> <p>Fourth Sunday 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. For more information go to www.w4aql.com and click on "Test Sessions"</p>	<p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-)</p> <p>N.E. Georgia ARC Commerce Public Library 1344 South Broad Street, Commerce Meeting is at 6:30pm Talk In - 147.225(+), PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm, Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-)</p> <p>For more information, go to: http://www.gars.org/</p>

Serving You From Coast to Coast and Around the World



**Order Toll-Free From a Location Near You
Or Take Advantage of Secure 24-Hour Ordering:**

<http://www.hamradio.com>



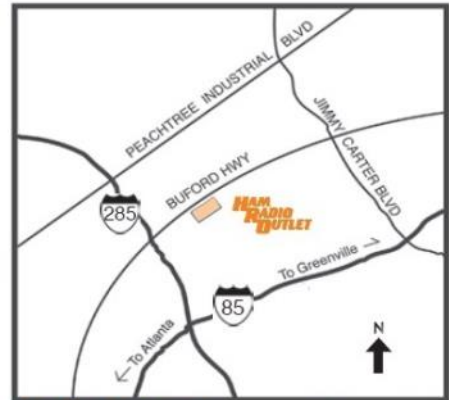
If your closest 800 number is busy, please call one of our other numbers.

Phone Hours: 9:30 am to 5:30 pm Monday – Saturday

All Stores Open 10am - 5:30pm Monday - Saturday

24-Hour FAX Order Lines at all Store Locations

Ham Radio Outlet App available at:



ATLANTA, GA 30340

6071 Buford Hwy, Doraville
1 mile north of I-285
(770) 263-0700
(800) 444-7927
24 Hour FAX (770) 263-9548
Email: atlanta@hamradio.com

Toll Free Numbers:

Northeast	(800) 644-4476
West	(800) 854-6046
Southeast	(800) 444-7927
Mountain	(800) 444-9476
Mid-Atlantic	(800) 444-4799
New England	(800) 444-0047

Manager:
Mark KJ4VO
Assistant Mgr:
James KK4WNX

David AI4XL
Denise
Ken KI4BQS
Ray WN5FB
Koz KD3GC



**INTERBOROREFRIGERATION
HVAC/R**

All branch Ice Machine
Walk-in Box Cooler

Licensed by E.P.A.
Central A/C - Heater and Water Heater
All Commercial Refrigeration Systems
Ice Cream Freezer
All Jobs Guaranteed

30 years of Experience

Reparation & Maintenance
Luis Castellanos
owner
Address: 470 Bay lake pass,
Lawrenceville, GA 30046
Tel.: 610-816-8744
Email: el-piloto52@hotmail.com

Finally
A clog-free gutter
with no fine print.

The Real GUTTER PROTECTOR
NO CLIMB, NO OVERSIGHT, GUARANTEED

You'll never have to clean your gutters again. The Real Gutter Protector's Waterloov® System uses a patented design that slows water more effectively and draws water in more completely, with smaller openings that keep out more debris. <http://www.realgutterprotector.com>
Atlanta, Georgia - (770) 630-1582

Real Estate Broker

**Century 21
21 Results Realty**



SHARON ADCOCK

CRS, GRI, e-Pro,
Relocation Expert,
Associate Broker

www.SharonAdcock.com
2920 Ronald Reagan Blvd
Cumming, GA 30041



Not intended

**Buying* Selling* Investing
For Any Real Estate
Matters**

There has never been a
better time to invest in Real
Estate

**Inventory is LOW
It's a Seller's Market**

Sharon@
SharonAdcock.com
Cell: 404-428-9127
eFax 678-679-1383